

ABSTRACT

An inspection device of a tape reel comprises a first inspection device 10 consisting of a light projector 11, a mirror 12, and a light receiver 13, a second inspection device 20 consisting of a light projector 21, a mirror 22, and a light receiver 23, and a rotator 30 that rotates a tape reel 40, and parallel lights R1, R2 irradiated from the light projector 11 are reflected by the mirror 12, to be made incident on inner surfaces of flanges 42, 43 of the tape reel 40, whereas parallel lights R3, R4 irradiated from the light projector 21 are reflected by the mirror 22 to be made incident on the inner surfaces of the flanges 42, 43 of the tape reel 40, and parallel lights R1 to R4 that pass the inner surfaces of the flanges 42, 43 are received by the light receiver 13 or the light receiver 23. Thereby, an inspection device capable of inspecting a position of each flange of the tape reel, distance between flanges, and an inclined angle of each flange in a un-contact state accurately at high speed, an inspection method for the same, and a positioning device of a member to be positioned capable of positioning the position of the flange accurately are provided.